

**December 5 (Mon) : Workshop (Day 1)**

|              |  | Speaker            | Affiliation                                  | Title   |
|--------------|--|--------------------|--|---|
| 9:00- 9:10   | <b>Opening</b>                               | Takuzo Aida        | RIKEN CEMS / Japan                           |   |
|              | <b>Morning Session 1</b>                     |                    |  |   |
| 9:10- 9:50   | Invited Lecture 1                            | Maksym V Kovalenko | ETH Zurich / Switzerland                     | Functional Inorganic Materials from Nanocrystals and Molecules as Building Blocks   |
| 9:50-10:20   | CEMS Lecture 1                               | Yoshihiro Iwasa    | RIKEN CEMS / Japan                           | Emergent Device Research Team   |
| 10:20-10:50  | <b>(Coffee Break &amp; Discussion time )</b> |                    |  |   |
|              | <b>Morning Session 2</b>                     |                    |  |   |
| 10:50-11:30  | Invited Lecture 2                            | Peter Ho Kian Hoon | National University of Singapore / Singapore |   |
| 11:30-12:00  | CEMS Lecture 2                               | Takao Someya       | RIKEN CEMS / Japan                           | Emergent Soft System Research Team  |
| 12:00-:13:30 | <b>(Lunch Break)</b>                         |                    |  |   |
|              | <b>Afternoon Session 1</b>                   |                    |  |   |
| 13:30-14:10  | Invited Lecture 3                            | He Yan             | HKUST / Hong Kong                            | Strong temperature dependent aggregation of donor polymers enabling efficient fullerene and non-fullerene organic solar cells |
| 14:10-14:40  | CEMS Lecture 3                               | Kazuo Takimiya     | RIKEN CEMS / Japan                           | Emergent Molecular Function Research Group  |
| 14:40-15:10  | <b>(Coffee Break &amp; Discussion time )</b> |                    |  |   |
|              | <b>Afternoon Session 2</b>                   |                    |  |   |
| 15:10-15:50  | Invited Lecture 4                            | Hye Ryung Byon     | KAIST / Korea                                | Development of new redox couples for high-performance redox flow batteries  |
| 15:50-16:20  | CEMS Lecture 4                               | Keisuke Tajima     | RIKEN CEMS / Japan                           | Emergent Functional Polymers Research Team  |
| 16:20-16:50  | <b>(Coffee Break &amp; Discussion time )</b> |                    |  |   |
|              | <b>Poster Session 1</b>                      | (Odd)              |  |   |
| 16:50-17:35  | Poster Session 1                             |                    |  |   |
| 18:00-19:30  | <b>(Dinner Break)</b>                        |                    |  |   |
|              | <b>Poster Session 2</b>                      |                    |  |   |
| 19:30-20:15  | Poster Session 2                             | (Even)             |  |   |

**December 6 (Tue) : Workshop (Day 2)**

|                            |  | Speaker           | Affiliation   | Title   |
|----------------------------|--|-------------------|---|---|
| <b>Morning Session 1</b>   |  |                   |   |   |
| 9:00- 9:40                 | Invited Lecture 5                            | Chaoyong Yang     | Xiamen University / China   | Target-Responsive DNA Hydrogel for Point-of-Care Applications   |
| 9:40-10:10                 | CEMS Lecture 5                               | Yoshihiro Ito     | RIKEN CEMS / Japan  | Emergent Bioengineering Materials Research Team   |
| 10:10-10:40                | <b>(Coffee Break &amp; Discussion time )</b> |                   |   |   |
| <b>Morning Session 2</b>   |  |                   |   |   |
| 10:40-11:20                | Invited Lecture 6                            | Zhibin Guan       | UC Irvine   | Bioinspired Design of Dynamic and Self-healing Polymers   |
| 11:20-11:50                | CEMS Lecture 6                               | Yasuhiro Ishida   | RIKEN CEMS / Japan  | Emergent Bioinspired Soft Matter Research Team  |
| 12:00-13:20                | <b>(Lunch Break)</b>                         |                   |   |   |
| <b>Afternoon Session 1</b> |  |                   |   |   |
| 13:20-14:00                | Invited Lecture 7                            | Subi Jacob George | Jawaharlal Nehru Centre for<br>Advanced Scientific Research / India | Temporal Control on Supramolecular Stacks   |
| 14:00-14:30                | CEMS Lecture 7                               | Daisuke Hashizume | RIKEN CEMS / Japan  | Materials Characterization Support Unit   |
| 14:30-15:00                | <b>(Coffee Break &amp; Discussion time )</b> |                   |   |   |
| <b>Afternoon Session 2</b> |  |                   |   |   |
| 15:00-15:40                | Invited Lecture 8                            | Yi-Tsu Chan       |   | Design, Construction, and ESI-TWIM-MS Analysis of<br>Terpyridine-Based Metallo-Supramolecular Architectures |
| 15:40-15:50                | CEMS Lecture 8                               | Fumito Araoka     | RIKEN CEMS / Japan  | Physicochemical Soft Matter Research Unit   |
| 15:50-16:20                | <b>(Coffee Break &amp; Discussion time )</b> |                   |   |   |
| <b>Afternoon Session 3</b> |  |                   |   |   |
| 16:20-17:00                | Invited Lecture 8                            | Feihe Huang       | Zhejiang University / China   | Nanostructures constructed by pillararene-based macrocycle<br>amphiphiles and supra-amphiphiles             |
| 17:00-17:30                | CEMS Lecture 9                               | Takuzo Aida       | RIKEN CEMS / Japan  | Emergent Soft Matter Function Research Group  |
| 17:30-                     | <b>Closing</b>                               | Kazuo Takimiya    | RIKEN CEMS / Japan  |   |
| 18:00-                     | <b>Banquet</b>                               |                   |   |   |